

What is claimed is:

Sub A57

- 1 1. An electrode structure of a wide viewing angle liquid crystal display
2 comprising:
3 a scan signal line;
4 a data signal line perpendicular to said scan signal line, said scan signal line and
5 said data signal line defining a pixel area;
6 a common electrode in said pixel area;
7 a passivation layer above said common electrode; and
8 a plurality of pixel electrodes each having a herringbone-shaped structure and
9 running substantially in parallel with said data signal line above said passivation
10 layer and said common electrode.

- 1 2. The electrode structure of a wide viewing angle liquid crystal display as claimed
2 in claim 1, said common electrode having a plate shape.

- 1 3. The electrode structure of a wide viewing angle liquid crystal display as claimed
2 in claim 1, said herringbone-shaped structure having a turning angle ranging
3 from 45 degrees to 90 degrees.

- 1 4. The electrode structure of a wide viewing angle liquid crystal display as claimed
2 in claim 1, said plurality of pixel electrodes having a pitch ranging from 1 to 15
3 μm and the width of each pixel electrode ranging from 1 to 10 μm .

- 1 5. The electrode structure of a wide viewing angle liquid crystal display as claimed
2 in claim 1, wherein said common electrode is made of indium-tin-oxide, SnO_2 ,
3 N-type amorphous silicon film, N type poly-silicon film, P type poly-silicon film,

4 or ZnO.

1 ~~5~~ 6. The electrode structure of a wide viewing angle liquid crystal display as claimed
2 in claim 1, wherein said pixel electrodes are made of indium-tin-oxide, SnO_2 ,
3 N-type amorphous silicon film, N type poly-silicon film, P type poly-silicon
4 film, or ZnO.

1 ~~6~~ 7. The electrode structure of a wide viewing angle liquid crystal display as claimed
2 in claim 1, wherein said pixel electrodes are made of metal material.

1 ~~7~~ 8. The electrode structure of a wide viewing angle liquid crystal display as claimed
2 in claim 1, further comprising a switching device.

1 ~~8~~ 9. The electrode structure of a wide viewing angle liquid crystal display as claimed
2 in claim ~~8~~ ⁷, said switching device being a thin film transistor.